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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/923,969	08/08/2001	Shell S. Simpson	10008204-1	2101

7590 03/08/2006

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, CO 80527-2400

EXAMINER

ANYA, CHARLES E

ART UNIT	PAPER NUMBER
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2194

DATE MAILED: 03/08/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/923,969

Applicant(s)

SIMPSON ET AL.

Examiner

Charles E. Anya

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 11/9/06.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1 and 4-21 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1 and 4-21 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

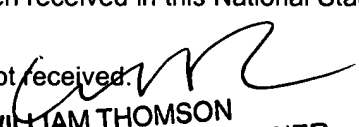
**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

  
WILLIAM THOMSON  
SUPERVISORY PATENT EXAMINER

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

**DETAILED ACTION**

1. Claims 1, and 4-21 are pending in this application.

***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. **Claims 1,5,6,8-11 and 13-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Pat. No. 6,623,527 B1 to Hamzy in view of U.S. Pat. No. 5,941,954 to Kalajan.**

4. As to claim 1, Hamzy teaches a client configurable web based imaging page redirector system, comprising: at least one processor at a client programmed with client software for receiving content ("...Web page...") from an imaging source at an eternal web site (Client 101...web server..." Col. 4 Ln. 33 – 44), wherein the content includes a designator ("...push button...") to take a processing action with respect to at least a portion of the content ("...action..." Col. 4 Ln. 54 – 65, Col. 6 Ln. 3 – 18); redirector software loaded in the client that is operable to use a programmatic interface to obtain information/the redirector software being operable to access the programmatic interface to obtain the information ("...embedded HTML...the requesting client..." Col. 5 Ln. 40 –

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48, "...embedded HTML...information..." Col. 6 Ln. 19 – 26) and the redirector software being operable to choose at least one destination reference based on the information ("...URL..." Col. 6 Ln. 19 – 26).

5. Hamzy is silent with reference to a redirector software being operable to automatically redirect the client to the at least one destination reference.

6. Kalajan teaches a redirector software being operable to automatically redirect the client to the at least one destination reference (Col. 3 Ln. 4 – 8, Col. 5 Ln. 29 – 42).

7. It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Kalajan and Hamzy because the teaching of Kalajan would improve the system of Hamzy by providing a method for redirecting communication on a network between a client and a network resource, including executing a software program, the software program configured to listen to at least one communication port of the client during the communication session, the software program redirecting a message received on the communication port to the network resource (Kalajan Col. 1 Ln. 36 – 43).

8. As to claim 5, Hamzy teaches the system as defined in claim 1, wherein the programmatic interface comprises a configuration page, displaying to a user a set of web page or web based imaging service options; the programmatic interface being operable to: receive a selection of one of the options from the user; and store a destination reference to the selected option (Col. 5 Ln. 49 – 55).

9. As to claim 6, Hamzy teaches the system as defined in claim 1, wherein the programmatic interface includes code which looks for a cookie or other storage on a user's system that identifies the at least one destination reference (Col. 5 Ln. 60 – 67).

10. As to claim 8, Hamzy teaches the system as defined in claim 1, wherein the redirector software includes code to select the at least one destination reference based on a plurality of rules (Col. 5 Ln. 52 – 56).

11. As to claim 9, Hamzy teaches the system as defined in claim 8, wherein the plurality of rules include at least a first rule that provides at least one first destination reference if a user's system is inside of a firewall, and a second rule that provides at least one second destination reference if the user's system is outside of the firewall (Col. 5 Ln 54 – 63, Col. 6 Ln. 34 – 39).

12. As to claim 10, Hamzy teaches the system as defined in claim 5, further comprising: a hierarchy of destination references and wherein the redirector software comprises code for automatically selecting the at least one destination reference according to the hierarchy based on a rule of availability (Col. 5 Ln. 60 – 67).

13. As to claim 11, Hamzy teaches the system as defined in claim 1, wherein the redirector software select a local service to access based on a location of a user's

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system, and accesses that service to determine the availability of a local image processor service (“...user’s current location...” Col. 5 Ln. 55 – 60).

14. As to claim 13, Hamzy teaches the system as defined in claim 1, wherein the information obtained by the programmatic interface causes a browser to browse to a web site to obtain the at least one destination reference (Col. 5 Ln. 60 – 67).

15. As to claim 14, Hamzy teaches the system as defined in claim 1, wherein the client software uploads the content to a personal imaging repository (Col. 6 Ln. 26 – 34).

16. As to claim 15, 16, 17, 19 and 20, see the rejection of claims 1, 5, 6, 8 and 10 respectively.

17. As to claim 21, see the rejection of claim 1 above.

**18. Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Pat. No. 6,623,527 B1 to Hamzy in view of U.S. Pat. No. 5,941,954 to Kalajan as applied to claim 1 above, and further in view of U.S. Pat. No. 6,003,069 to Cavill.**

19. As to claim 4, Hamzy is silent with reference to the system as defined in claim 1, wherein the client software is a printer driver.

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20. Cavill teaches the system as defined in claim 1, wherein the client software is a printer driver (Col. 6 Ln. 12 – 20).

21. It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Cavill, Kalajan and Hamzy because the teaching of Cavill would improve the system of Kalajan and Hamzy by providing a printing system that monitors necessary status and page information to ensure that final printer output represents complete page data from the data portions handled on both the server and the client, therefore allowing the printing system to reassemble printing data before forwarding commands to printing devices (Cavill Col. 7 Ln. 1 – 9).

**22. Claims 7 and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Pat. No. 6,623,527 B1 to Hamzy in view of U.S. Pat. No. 5,941,954 to Kalajan as applied to claim 1 above, and further in view of U.S. Pat. No. 6,201,611 B1 to Carter et al.**

23. As to claim 7, Carter teaches the system as defined in claim 1, wherein the redirector software includes code that calls an API method for obtaining the at least one destination reference (“...routing information...” Col. 6 Ln. 29 – 47).

24. It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Carter, Kalajan and Hamzy because the teaching of Carter would improve the system of Kalajan and Hamzy by sending a

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printing job to a local printer without devoting significant system resources at a client to a print subsystem (Carter Col. 2 Ln. 39 – 41).

25. As to claim 18, see the rejection of claim 7 above.

26. **Claim 12 is rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Pat. No. 6,623,527 B1 to Hamzy in view of U.S. Pat. No. 5,941,954 to Kalajan as applied to claim 11 above, and further in view of U.S. Pub. No. 2002/0059489 A1 to Davis et al.**

27. As to claim 12, Hamzy teaches the system as defined in claim 11, wherein the redirector software selects a second rule that if no local printer service is available then selecting a default at least one destination reference (“...default printer...” Col. 8 Ln. 10 - 26.

28. Davis teaches selecting at least one destination reference based on a first rule that if a local printer service is available, then selecting the at least one destination reference for that local printer service (“...printer discovery...” page 2 paragraph 0025, page 4 paragraph 0041).

29. It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Davis, Kalajan and Hamzy because the teaching of Davis would improve the system of Kalajan and Hamzy by providing a system and method that uses a relay server to efficiently select a printer device using



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unique identifiers and class of printers identified by capability (Davis page 4 paragraph 0041).

### ***Response to Arguments***

30. Applicant's arguments with respect to claims 1 and 4-21 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

31. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles E. Anya whose telephone number is (571) 272-3757. The examiner can normally be reached on M-F (8:30-5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Thomson can be reached on (571) 272-3718. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Charles E Anya  
Examiner  
Art Unit 2194

cea.



WILLIAM THOMSON  
SUPERVISORY PATENT EXAMINER